



City of Greensboro: Inspections Division

Residential Building Permit Applications

Plan Requirements

Two complete sets of plans must be submitted for all projects with the name and address of the designer on each sheet of the plans.

All plans must be fully detailed to meet the current edition of the North Carolina Residential Building Code.

New Residences and Additions

- A. Site Plot Plan
 - All building dimensions and distances to the lot lines
 - Show pools, decks, utility buildings, etc.
- B. Foundation Plan – Drawn to Scale
 - Pier and wall footing sizes, spacing, etc.
 - Girder sizes, spans, species and grade
 - Floor joist sizes, species, grade and spacing
 - Ventilation and crawl space access requirements
- C. Floor Plans – Drawn to Scale
 - Room dimensions
 - Door and window sizes and locations
 - Header, beam and ceiling joist sizes, species and grades
 - Existing adjacent room floor plans (for Additions)
- D. Roof Plan – Drawn to Scale
 - Rafter sizes, species, grade and spacing
 - Venting requirements
- E. Exterior Elevations
 - Exterior finishes, flashing, doors, windows, stairs, roof slopes, etc.
- F. Wall Sections and Details
- G. Special Engineering not addressed in the Building Code
 - Floor and roof truss layouts, laminated and steel beams, etc.
- H. Completed Residential Building Permit Application form
- I. Energy Compliance Worksheet or current REScheck (MECcheck) compliance tool

Structural Alterations

- A. Floor Plan(s)
 - Location and sizes of bearing and structural components

Alterations, Decks, Reroofs, etc. (No structural work) and Accessory Buildings

- A. No plans are required for the accessory building
- B. Decks and accessory buildings require site/plot plans

It is the intent of the Inspection Division's plan review section to eliminate problems that may arise during construction. The more information is included on the drawings, the more we can assure compliance with the Building Codes. However, not all conditions can be addressed at the plan review stage. Any violations found during the field inspections must be corrected.